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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Title: SUPEROX PROCESS FOR INCREASING
PROCESSING CAPACITY OF SULFUR
RECOVERY FACILITIES

Inventor(s): Thomas King Tong Chow

Assignee(s): Parsons Energy & Chemicals Group,
Inc.

Serial No.: 09/596892

Filing Date: 6/19/2000

Group No.: 1754

Examiner: Timothy Vanoy

Attorney Docket No.: 9905.1P7

TRANSMITTAL LETTER

COPY OF PAPERS
ORIGINALLY FILED

ASSISTANT COMMISSIONER FOR PATENTS
Washington, DC 20231

Sir:

Transmitted for filing for the above patent
application are the following:

Papers Enclosed:

- ☒ Amendment – 10 p.
- ☒ Petition for Extension of Time – 1 p.
- ☒ Check for \$920
- ☒ Information Disclosure Statement
- ☒ Form PTO-SB-08A
- ☒ Copy of Cited Prior Art
- ☒ Substitute Specification – 19 p.
- ☒ Substitute Abstract – 1 p.
- ☒ Substitute Drawing Pages – 2 p.
- ☒ Substitute Declaration – 1 p.

CERTIFICATE OF MAILING (37 CFR 1.08)
I, the person below signing this Certificate of
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20231

David T. Bracken

Signature: David T. Bracken
Date of Mailing: Feb. 5, 2002

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AMENDMENT

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Assistant Commissioner for Patents
Washington, DC 20231

Sir:

In response to the last Office Action, Applicant respectfully requests entry of amendments to the above application as follows:

Appendix 1 is attached and incorporated into this amendment made in the above application and contains the amended paragraphs of the specification and/or claims in the form showing stricken material in brackets and new material as underlined.

Specification and Abstract: The changes required for the specification in the last office action were extensive. Please substitute the original specification and abstract with the enclosed pages 1-19 as a substitute specification and enclosed page 1 as a substitute abstract. The requirements (a) through (i) of the last office action are accomplished thereby without addition of new matter.

Claims: Please cancel claims 4, 8, 21 and 22, add Claims 23 and 24, and amend claims 1-3, 7, 9, 12-15, and 18 as follows:

- Q1
1. A process for retrofit of a unit for sulfur recovery from one or more acid gases comprising hydrogen sulfide where burners for one or more thermal stages of the sulfur recovery unit are adapted to burn the acid gas with an oxygen containing gas, the

timely c.e. mm.